



F. Paul Richards
*Principal Environmental Engineer
Environmental Department*

January 6, 2004

Mr. William Gage
EOEA, attn: MEPA Office
251 Causeway Street, Suite 900
Boston, MA 02114,

RE: EOEA # 13165
King St. to Mill St. 23 kV Line
EMF Information and
Prior Clearing Operation

Dear Mr. Gage:

As per your request at our scoping meeting held on January 5, 2004 in Georgetown, enclosed please find a memo describing the "before" and "after" EMF modeling. Please note that magnetic fields are the measure of concern.

The reference to the first figure is to the ROW profile. The second figure (attached) is the modeling data. There are no EMF standards in Massachusetts. I have heard the Department of Telecommunications and Energy (DTE) use an 85 milligauss value for the edge of the ROW as something of an unofficial benchmark. We are well below that and the fields diminish with the addition of the proposed second line.

I have also taken the liberty of enclosing a National Grid public information brochure on Electric and Magnetic Fields to place some of the data in context.

Secondly at the scoping session some pictures and a letter from an abutter were reviewed. The implication was that National Grid came through the area and cleared as needed without regard to clean-up and disposal.

The regional arborist, who was in charge of that work, informs me that the landowner (Massachusetts Electric operates under easement agreements on that ROW) decided to keep the timber for sale. We recently found out that the landowner did not follow-up on their original intent. To have taken the wood at that time of the cutting would technically have been stealing since it was not our wood to take and sell.

We still intend to do some clean-up as makes sense at this time. Some logs will remain if Hyla deems it improves habitat. Additionally we will not pull out any timber that cannot be salvaged as that would just transfer to another site, a problem not of our making.

I hope that this information is of use to you and reflects our intent to continue to construct projects in a safe and environmentally-conscientious manner.

We still endeavor to meet with Tom French to discuss rare species protection matters.

Please contact me with any questions.

Respectfully,

F. Paul Richards

Enclosures

CC: G. Danek, T. Sullivan, D. Wells, A. Molina, P. Graening

King St ROW EMF Magnetic Field Profile

